FIG. 1

1

IMAGE PROC SYSTEM

2

3

IMAGE PROC APPARATUS

RECORDING MEDIUM I/F UNIT ⎯**11**

10

CONTROL UNIT

12

IMAGE INFORMATION DATABASE

13— IMAGE OBTAINING PROC UNIT

14

FACE REGION EXTRACTION PROC UNIT

15

IMAGE FEATURE AMOUNT CALCULATION UNIT

16

CORRECTION EFFECT INFERENCE PROC UNIT

17

IMAGE CORRECTION PROC UNIT

18

PHOTOGRAPHING MODE DISCRIMINATION PROC UNIT

19

CORRECTION PROC CONTROL UNIT

1A

FACE REGION CORRECTION PROC UNIT

1B— EXPANSION PROC UNIT

PRINT PROC UNIT ⎯**21**

DISPLAY PROC UNIT

20

DISPLAY APPARATUS ⎯**4**
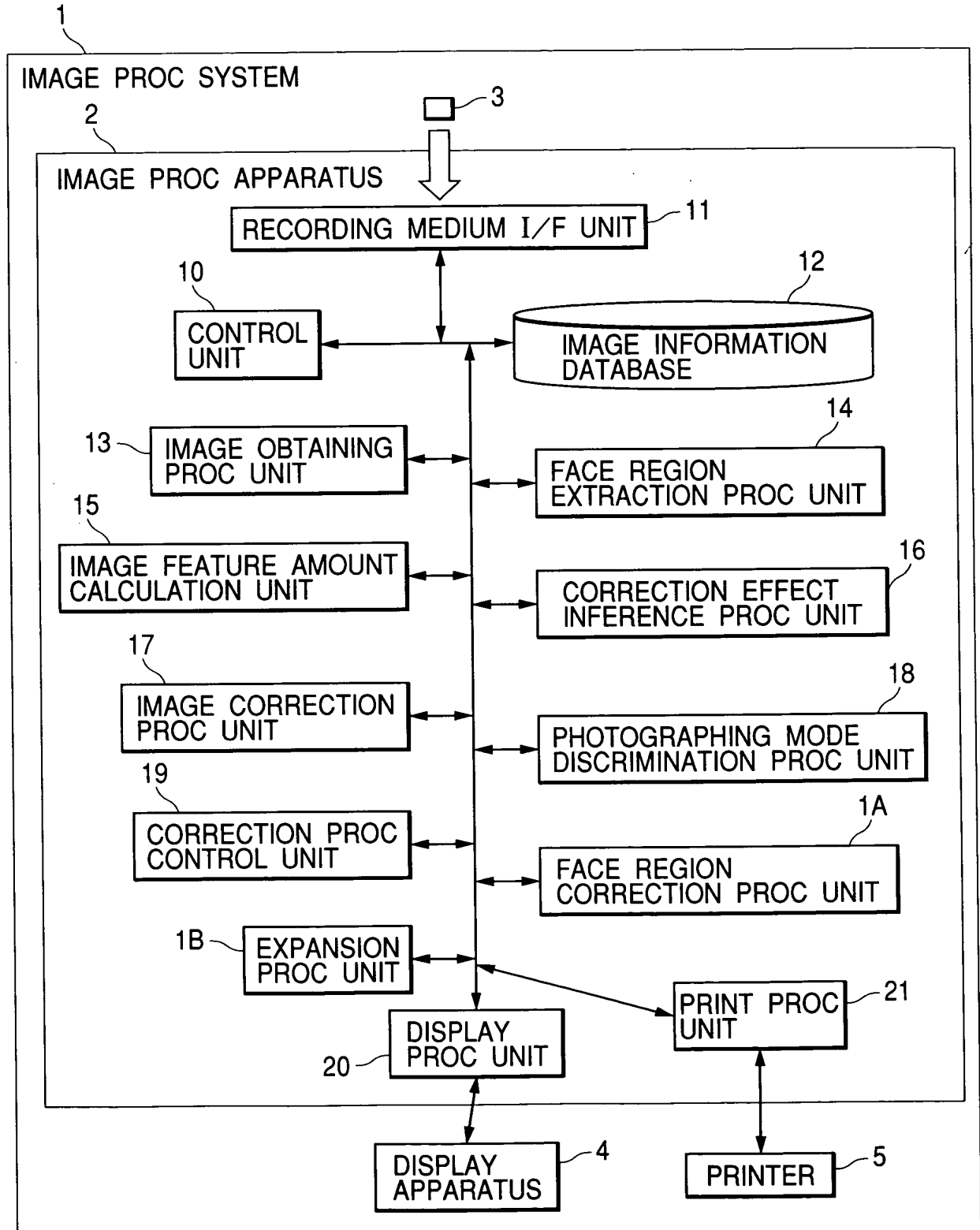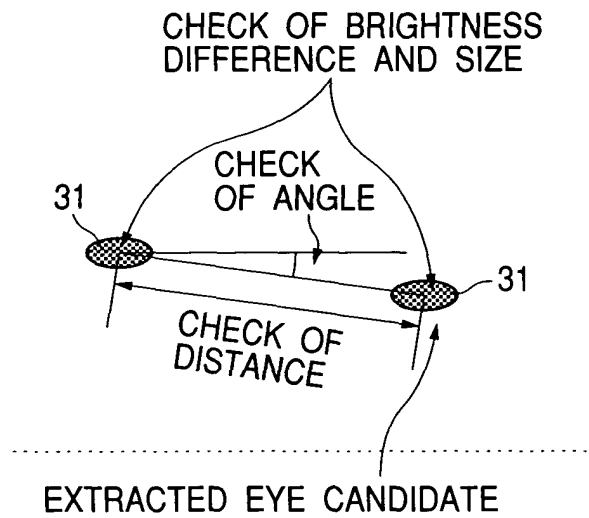
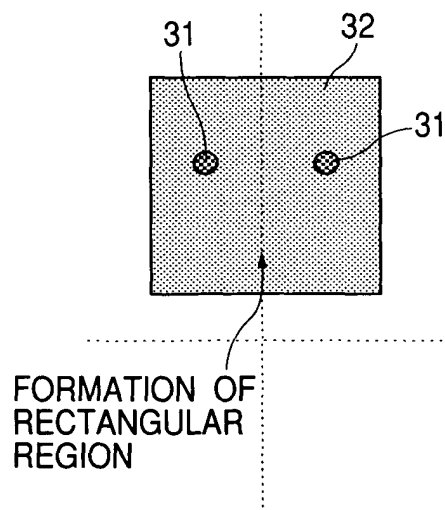PRINTER ⎯**5**

FIG. 2

12

IMAGE INFORMATION DATABASE

- IMAGE FILE NAME

  - IMAGE DATA

  - PHOTOGRAPHING INFORMATION

    - PHOTOGRAPHING MODE, FOCAL DISTANCE, DIAPHRAGM VALUE, ...

  - DATA FORMAT INFORMATION

  - PHOTOGRAPHING DATE AND HOUR INFORMATION

  - CORRECTION HISTORY INFORMATION

  - POST-CORRECTION IMAGE DATA

    ...

FIG. 3A

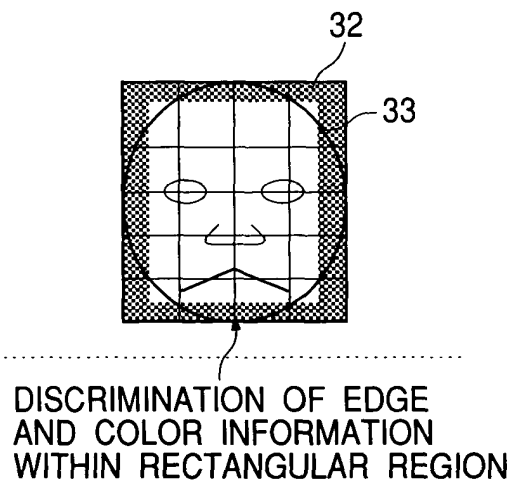CHECK OF BRIGHTNESS
DIFFERENCE AND SIZE

CHECK
OF ANGLE

31

31

CHECK OF
DISTANCE

EXTRACTED EYE CANDIDATE

FIG. 3B

31   32

31

FORMATION OF
RECTANGULAR
REGION

FIG. 3C

32

33

DISCRIMINATION OF EDGE
AND COLOR INFORMATION
WITHIN RECTANGULAR REGION

FIG. 4

```
        ( START )
            │
            ▼
┌───────────────────────┐  S101
│ OBTAIN IMAGE DATA     │
│ AND PHOTOGRAPHING     │
│ INFORMATION           │
└───────────────────────┘
            │
            ▼
         ╱‾‾‾‾‾‾‾╲  S102
        ╱ PERSON  ╲    NO
       ⟨  MODE ?   ⟩─────────►  TO ANOTHER PROC
        ╲         ╱
         ╲_____╱
            │ YES
            ▼
┌───────────────────────┐  S103
│ EXTRACT FACE REGION   │
└───────────────────────┘
            │
            ▼
┌───────────────────────┐  S104
│ CALCULATE IMAGE       │
│ FEATURE AMOUNT        │
└───────────────────────┘
            │
            ▼
         ╱‾‾‾‾‾‾‾╲  S105
        ╱CORRECTION╲   NO
       ⟨ EFFECT OBTAINED⟩──────┐
        ╲    ?    ╱            │
         ╲_____╱             │
            │ YES              │
            ▼                  │
┌───────────────────────┐  S106│
│ PERFORM CORRECTION    │      │
│ PROC                  │      │
└───────────────────────┘      │
            │                  │
            ◄──────────────────┘
            ▼
┌───────────────────────┐  S107
│ DISPLAY AND PRINT     │
│ IMAGE DATA            │
└───────────────────────┘
            │
            ▼
         ( END )
```